SENIOR PROGRAMMER ANALYST

PURPOSE: The Senior Programmer Analyst is responsible for all stages of software development for new and existing Milwaukee Public Schools (MPS) systems, including project management, requirements gathering, detailed analysis, design, development, documentation, and implementation.

ESSENTIAL FUNCTIONS:

Project Management:
- Serve as project lead for application development teams.
- Use accepted project management methods and tools.
- Perform detailed requirements gathering, analysis, and design with functional leads and end-users.
- Ensure that software development methods and tools utilized are in compliance with MPS development standards to achieve the software development goals of the department.
- Actively participate in all stages of the software development life cycle using department-supported development languages as assigned.
- Participate in application design reviews and programming code reviews as required.
- Submit accurate weekly reports on the status of application development projects.

Technical Support:
- Ensure that software technical support issues are addressed and resolved in a timely manner.
- Interact with targeted application users; assist application users with technical support requests.
- Maintain service request list and document status of all assigned technical support issues.
- Continually prioritize and estimate timing needs of active, backlogged and future service requests.

Professional Development:
- Train other developers in understanding development methodologies and techniques.
- Serve as a mentor to entry level developers by assisting them with problem-solving and reviewing their work to determine if deliverables are efficient and meet the Division's quality assurance standards.
- Remain knowledgeable of development tools via online communities, mailing lists, and newsgroups.
- Participate in professional training activities as assigned.

Other:
- Perform other job-related duties as assigned.

MINIMUM REQUIREMENTS:

1. Bachelor's Degree in Information Systems or a related field from an accredited college or university.
2. Five years of professional experience performing duties related to this position.
   > *Note: Equivalent combinations of education and experience may also be considered.*
3. Residency in the City of Milwaukee within six months of appointment and throughout employment.

DESIRABLE QUALIFICATIONS:

- Experience as a Senior Programmer/Analyst in an environment with greater than 500 employees.
- Experience with the following: J2EE, JavaScript, JSP, JDBC/SQL, HTML, XML, Oracle/PL SQL, ASP.NET, Visual Basic.NET, Apache, Tomcat, OOD, RDBMS, Business Objects XI reporting tools, Oracle Application Express (APEX), Transact-SQL, DTS packages.
- Experience using one or more of the following: Student Information Systems, Special Services Information Systems, Data Warehouses, Human Resources Information Systems and/or PeopleSoft.
- Experience training end-users and technical staff.

KNOWLEDGE, SKILLS, ABILITIES AND OTHER CHARACTERISTICS:
- Knowledge of business analysis and the design, development, implementation, and troubleshooting of applications.
- Knowledge of Oracle and/or SQL Server, Business Objects (XI) tools, structured query language (SQL), and object-oriented principles.
- Knowledge of standard software programs such as word processing and spreadsheet.
- Knowledge of project management principles and tools.
- Ability to create accurate reports.
- Skill in analyzing and solving complex problems.
- Quantitative and deductive reasoning skills.
- Skill in providing software development training.
- Ability to provide technical support to end-users.
- Ability to communicate effectively, both orally and in writing, especially the ability to convey complex information to technical staff and end-users.
- Strong interpersonal and customer service skills.
- Ability to work both independently and in a team environment.
- Planning, organizational, and time management skills.
- Ability and willingness to learn new technologies.
- Detail-oriented, flexible, honest, and able to maintain confidentiality.

THE CURRENT SALARY RANGE IS: $59,706.09 to $67,940.06**.**

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